

IFW

ATTORNEY DOCKET NO.: 00067559/000030  
CUSTOMER NUMBER: 000027871

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

In re patent application of:

**KADLICKO, George**

Serial No.:	10/776,770	Group Art Unit:	<b>Not Yet Assigned</b>
Filed:	Feb. 11, 2004	Examiner:	<b>Not Yet Assigned</b>
Title:	<b>Piston Assembly for Rotary Hydraulic Machine</b>		

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty to disclose under 37 CFR §1.56, Applicant submits herewith a Form PTO/SB/08A listing references of which the Applicant is aware and which are brought to the attention of the Examiner. In accordance with 37 CFR §1.98(a)(2), a copy of each document listed in the enclosed Form PTO/SB/08A is submitted herewith.

U.S. patent references are not enclosed pursuant to the Office's waiver (published in the Official Gazette – August 5, 2003) of such requirement for all U.S. national patent applications and for all international applications that have entered the national stage under 35 USC 371 filed after June 30, 2003.

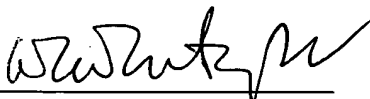
The filing of this IDS shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material for patentability, or that no other material information exists. This filing shall not be construed as an admission against interest in any matter.

This IDS is submitted pursuant to 37 CFR §1.97(b) and, accordingly, no fee is believed to be due for consideration of the documents submitted herewith.

Applicant respectfully requests consideration of the items listed and requests the Examiner to return a copy of the attached Form PTO/SB/08A after being marked as being considered by the Examiner.

Respectfully submitted,

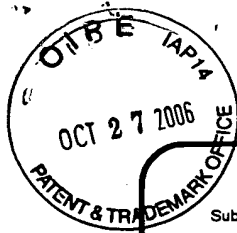
Date: 25 Oct 06



**Wesley W. Whitmyer, Jr.**  
Registration No. 33558  
Agent for Applicant

**ST. ONGE STEWARD JOHNSTON & REENS LLC**  
986 Bedford Street  
Stamford, CT  
06905-5619

Tel 203-324-6155  
Fax 203-327-1096



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 7

**Complete if Known**

Application Number	10/776,770
Filing Date	Feb. 11, 2004
First named Inventor	George Kadlicko
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	67559/00030

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-11/233,822	02-02-2006	Gray Jr.	
		US-10/883,312	01-05-2006	Teslak et al.	
		US-10/883,320	01-05-2006	Teslak et al.	
		US-10/883,311	01-05-2006	Teslak et al.	
		US-10/883,292	01-05-2006	Teslak et al.	
		US-6,973,782	12-13-2005	Rose	
		US-6,971,232	12-06-2005	Singh	
		US-6,962,050	11-08-2005	Hiraki et al.	
		US-11/173,566	11-03-2005	Gray Jr. et al.	
		US-6,959,545	11-01-2005	Lippert et al.	
		US-11/130,893	09-22-2005	Gray Jr.	
		US-11/074,147	09-08-2005	Moskalik et al.	
		US-6,932,733	08-23-2005	Pollman	
		US-10/768,849	08-04-2005	Roethler et al.	
		US-6,922,990	08-02-2005	Naruse et al.	
		US-6,922,989	08-02-2005	Nagura et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind-Code <sup>5</sup> (if known)				
		WO	08702952	A1	05-21-1987	Frazer		
		WO	08705574	A1	09-24-1987	Frazer		
		EP	00245308	B1	08-28-1991	Frazer		
		WO	09634212	A1	10-31-1996	Gray		
		EP	00893698	A1	01-27-1999	Brunner		
		WO	00013952	A1	03-16-2000	Perry et al.		

Examiner  
SignatureDate  
Considered

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicants' unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 7

**Complete if Known**

Application Number	10/776,770
Filing Date	Feb. 11, 2004
First named Inventor	George Kadlicko
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	67559/00030

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-11/087,681	07-28-2005	Yang	
		US-10/516,960	07-28-2005	Russel-Smith	
		US-6,912,849	07-05-2005	Inoue et al.	
		US-6,899,190	05-31-2005	Bordini	
		US-10/769,459	12-16-2004	Gray Jr. et al.	
		US-6,820,356	11-23-2004	Naruse et al.	
		US-10/780,112	09-09-2004	Rush et al.	
		US-6,719,080	04-13-2004	Gray Jr.	
		US-6,712,166	03-30-2004	Rush et al.	
		US-6,708,789	03-23-2004	Albuquerque De Souza E Silva	
		US-6,708,787	03-23-2004	Naruse et al.	
		US-6,619,325	09-16-2003	Gray Jr.	
		US-6,578,549	06-17-2003	Bordini	
		US-10/275,070	05-29-2003	Hiraki et al.	
		US-10/168,302	12-19-2002	Bruun	
		US-6,408,972	06-25-2002	Rodgers et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind-Code <sup>5</sup> (if known)				
		WO	00102715	A1	01-11-2001	Salter et al.		
		EP	00762957	B1	03-21-2001	Gray Jr. et al.		
		WO	01048387	A1	07-05-2001	Bruun		
		WO	00151870	A1	07-19-2001	Gray		
		WO	00188381	A1	11-22-2001	Hiraki et al.		
		EP	00854793	B1	04-10-2002	Gray Jr.		

Examiner  
SignatureDate  
Considered

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicants' unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

Sheet

3

of

7

Application Number	10/776.770
--------------------	------------

Filing Date	Feb. 11, 2004
-------------	---------------

First named Inventor	George Kadlicko
----------------------	-----------------

Art Unit	Not Yet Assigned
----------	------------------

Examiner Name	Not Yet Assigned
---------------	------------------

Attorney Docket Number	67559/00030
------------------------	-------------

[illegible]

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind-Code <sup>5</sup> (if known)				
		EP	1199204	A1	04-24-2002	Bordini		
		WO	00243980	A2	06-06-2002	Frazer et al.		
		WO	00246621	A3	06-13-2002	Frazer		
		EP	01223066	A2	07-17-2002	Bordini		
		EP	01228917	A1	08-07-2002	Robinson et al.		
		WO	03048627	A1	06-12-2003	Gray		

**Examiner  
Signature**

Date  
Considered

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicants' unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.***

***If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.***

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>				<p><b>Complete if Known</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/776,770</td> </tr> <tr> <td>Filing Date</td> <td>Feb. 11, 2004</td> </tr> <tr> <td>First named Inventor</td> <td>George Kadlicko</td> </tr> <tr> <td>Art Unit</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>67559/00030</td> </tr> </table>		Application Number	10/776,770	Filing Date	Feb. 11, 2004	First named Inventor	George Kadlicko	Art Unit	Not Yet Assigned	Examiner Name	Not Yet Assigned	Attorney Docket Number	67559/00030
Application Number	10/776,770																
Filing Date	Feb. 11, 2004																
First named Inventor	George Kadlicko																
Art Unit	Not Yet Assigned																
Examiner Name	Not Yet Assigned																
Attorney Docket Number	67559/00030																
Sheet	5	of	7														

[illegible]

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind-Code <sup>5</sup> (if known)				
		WO	04081380	A2	09-23-2004	Gray		
		WO	05014324	A3	02-17-2005	Gray		
		WO	06055978	A1	05-26-2006	Lynn et al.		
		WO	05061904	A1	07-07-2005	Rose		
		WO	05068849	A1	07-28-2005	Rose		
		WO	05075233	A2	08-18-2005	Gray et al.		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicants' unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

***If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.***

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/776,770
				Filing Date	Feb. 11, 2004
				First named Inventor	George Kadlicko
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	67559/00030
Sheet	6	of	7		

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind-Code <sup>5</sup> (if known)				
		WO	05087567	A1	09-22-2005	Rose		
		WO	05088137	A1	09-22-2005	Rose		
		WO	05095800	A1	10-13-2005	Caldwell et al.		
		EP	01600372	A2	11-30-2005	Riley et al.		
		WO	06006985	A1	01-19-2006	Kuras et al.		
		DE	102005027940	A1	01-26-2006	Teslak et al.		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicants' unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.***

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/776,770
				Filing Date	Feb. 11, 2004
				First named Inventor	George Kadlicko
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	67559/00030
Sheet	7	of	7		

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicants' unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.***